

Y Value Scales Centered on Mean Values

Step Between Measured Pole Tips = 5

Regression Line Through Points = -----

Dimensions in mm



LCLS II - SXR Undulator

Nominal Gap = 15 Nominal Taper = 0.000
 Gap Reading = 15.0000 US Encoder = 15.0000 DS Encoder = 15.0001

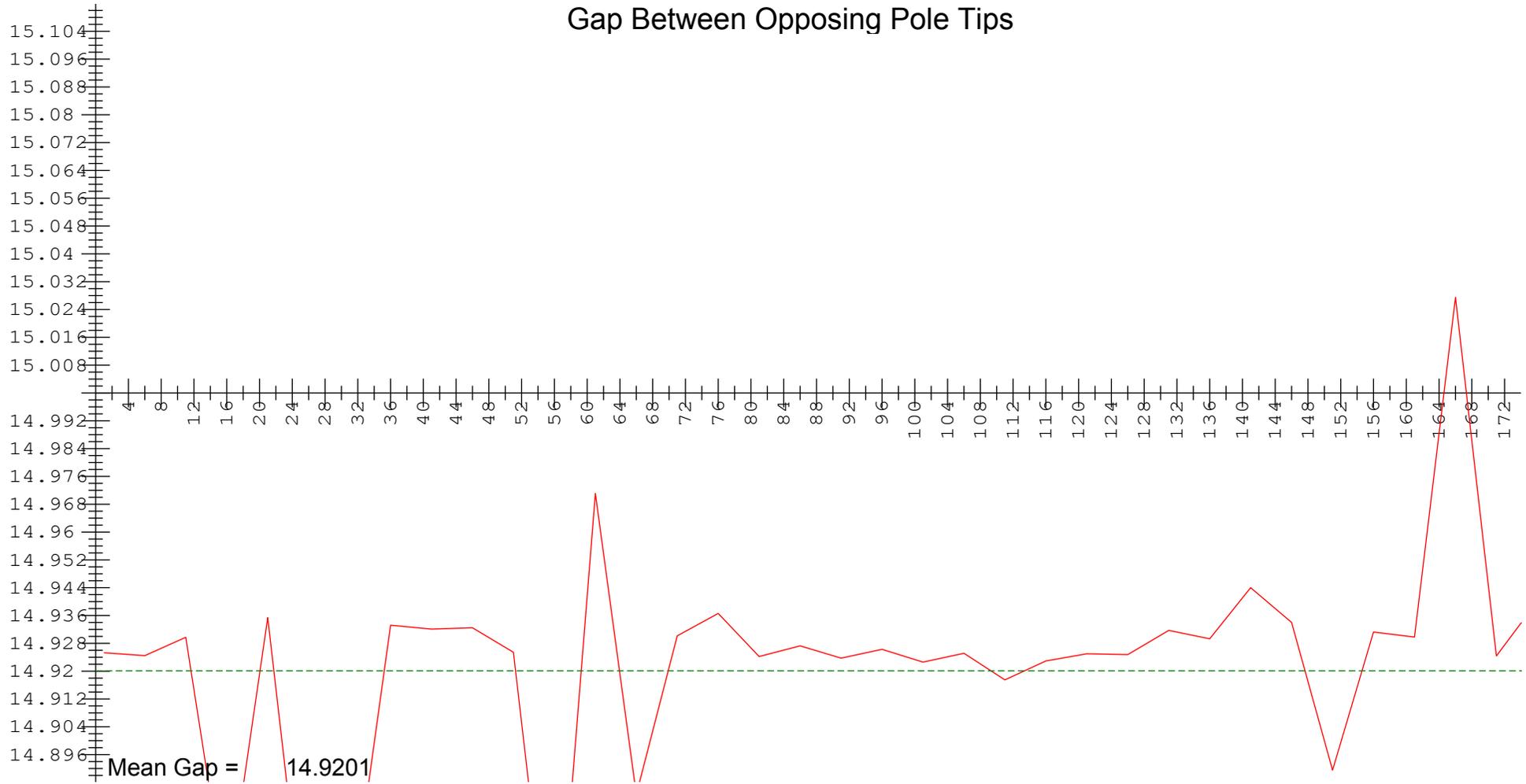
03-MAY-2019

S/N = 001

D/S = 0006

Run = 9

Gap Between Opposing Pole Tips



Step Between Measured Pole Tips = 5

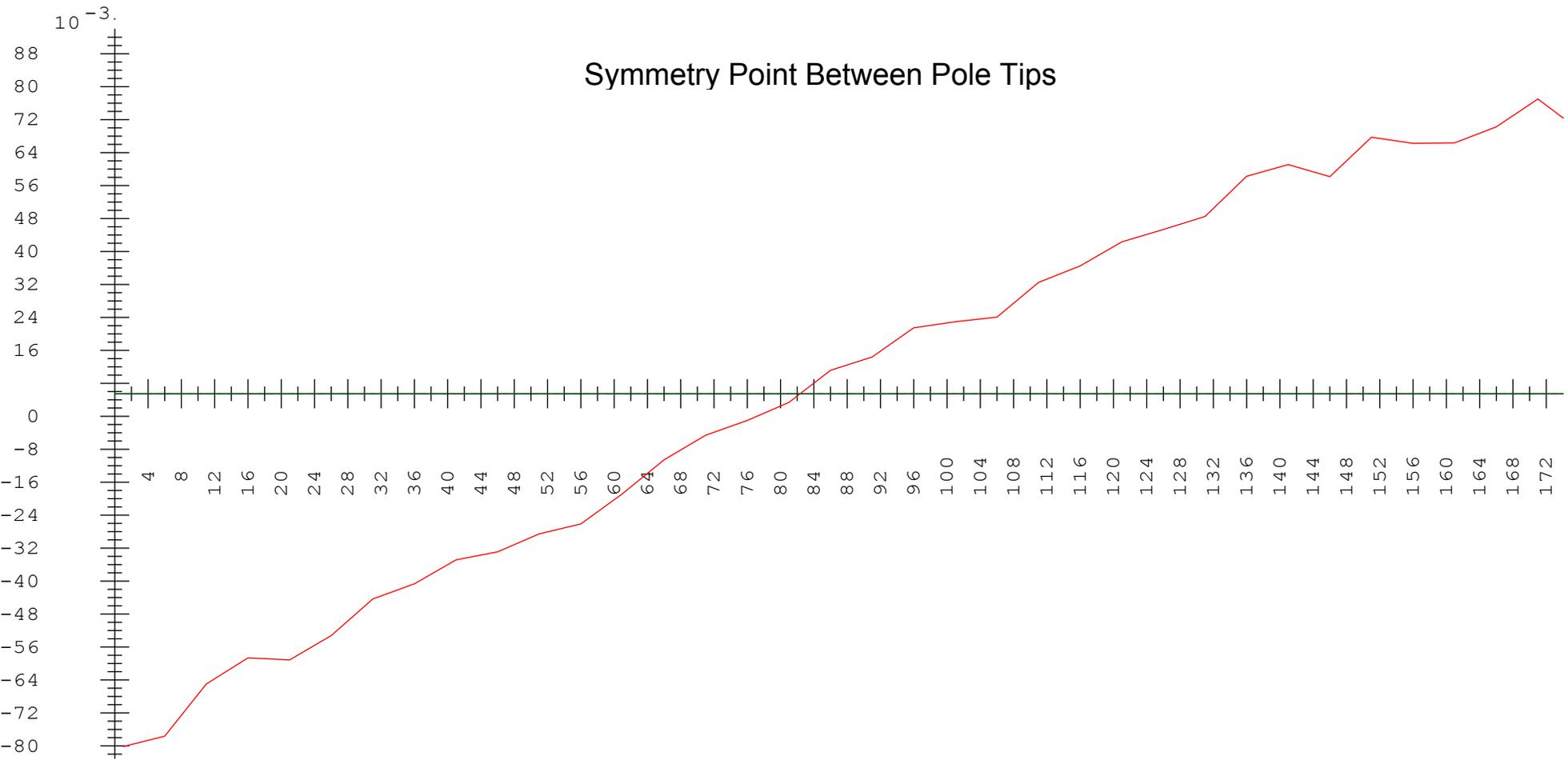
Dimensions in mm



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03-MAY-2019
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Mean Symmetry Value = 0.0055

Step Between Measured Pole Tips = 5

Dimensions in mm



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Top and Bottom Jaw Regression Line Intersect Points

Jaw	First Pole (Pole 1)	US Actuator (Pole 39)	DS Actuator (Pole 135)	Last Pole (Pole 174)
Top	7.3758	7.4157	7.5164	7.5573
Bottom	-7.5222	-7.4921	-7.4160	-7.3851
Gap	14.8980			14.9424
Taper				0.0444

Summary of Mean Values

Top Jaw Poles	Btm. Jaw Poles	Gap Values	Sym. Pt. Values
7.4655	-7.4546	14.9201	0.0055

Additional Calculated Values

Bottom Pole #1 Z Value	980.047
Top Jaw Pitch (mrad)	0.054
Bottom Jaw Pitch(mrad)	0.041
Minimum Effective Gap	14.741
Reference Block Gap	6.807

Dimensions in mm



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